

Date: Tue, 14 Dec 93 14:11:52 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1462
To: Info-Hams

Info-Hams Digest Tue, 14 Dec 93 Volume 93 : Issue 1462

Today's Topics:

 6CW4
 Arizona repeater info needed
 ARRL's callsign admin position
 broadcasting with modem over radio
 Comments on logging programs solicited!
 Help! Any Europe GATEWAYS?
 Logging Software
 looking for mods for DJ-580
 Mac Plus Upgrade + PK-900 ?
 RACES Bulletin #304
 Russian Robinson Club
 TVI weirdness
 WinHams in Anaheim?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 13 Dec 93 13:04:28 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!gatech!usenet.ins.cwru.edu!
nigel.msen.com!yale.edu!newsserver.jvnc.net!a3bee2.radnet.com!cyphyn!
randy@network.ucsd.edu
Subject: 6CW4
To: info-hams@ucsd.edu

Robert Carpenter (rc@cmr.ncsl.NIst.GOV) wrote:

:

: A1, N1AL, takes me to task for slandering the 6CW4 regarding intermod.

:
: Al, I guess that we will both agree that it is POSSIBLE to build a poor
: converter with any technology, and that was often the case, Way Back When,
: from my experience. I suspect that people ran their 6CW4 at too low power
: (remember, they were RCA's answer to early transistors) to handle big sigs.
: Even more likely, the following stage died from too big sigs and not enough
: LO injection.
:
: 73, Bob

6CW4 (and 6DS4 sub) if run at the usual 60-70vdc, will indeed be prone to
easy over load.

Increase the kathode resistor (if none, use >150 ohms) and then raise plate
volts to 125.

Then it'll require more signal to reach the 'IMD point'

I have heard of people running em as high as 175vdc, but at 2-3ma....
I don't know how long it'll last up there....but....

--

Randy KA1UNW	If you get a shock while	
	servicing your equipment,	"Works for me!"
randy@192.153.4.200	DON'T JUMP!	-Peter Keyes
	You might break an expensive tube!	

Date: 14 Dec 93 17:39:12 GMT
From: news-mail-gateway@ucsd.edu
Subject: Arizona repeater info needed
To: info-hams@ucsd.edu

Text item: Text_1

>I've heard of the Northlink system, and ZIA. Do either of
>these get into Phoenix?
>-Paul Christofanelli KG0CZ Fort Collins, Colorado

Northlink indeed does get into Phoenix on four repeaters:

North Phoenix area: Towers Mtn 449.175

East Phoenix area: MT. Ord 444.500

South Phoenix area: So. Mtn. 442.125

West Phoenix area: White Tanks Mtns: 441.675

73, Cecil, kg7bk... I do not speak for Intel on Internet.

Date: 14 Dec 93 13:21:06 GMT
From: ogicse!emory!europa.eng.gtefsd.com!howland.reston.ans.net!news.intercon.com!
psinnntp!arrl.org@network.ucsd.edu
Subject: ARRL's callsign admin position
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <2ear03\$ssg@panix.com> kb7uv@panix.com (Andrew Funk) writes:

>>Steve also has an active division "cabinet" made up of all division-level
>>appointees, SMS, section-level appointees, and selected others.

>This is a perfect example of the old boy network in action.

Gary, you are seeing the devil behind every bush. You apparently don't know much about the structure of the typical "cabinet." First, the Section Managers are not the Director's "appointees." They are elected by the members in each section within the Division. The ARRL Affiliated club Presidents are also invited to attend the cabinet meetings, at least in the New England Division. These are elected on a local level, by each club. The rest of the cabinet often includes many of the Director's appointees, but the cabinet is not the "old boy" network that you are imagining, not by a long shot. I have seen more than one of these "OBs" roast the Director for one thing or another.

>The problem with the League structure as I see it is that it's a
>one party state controlled mainly by the apparatchiki. It needs a
>strong loyal opposition to keep it vigorous and honest.

Unfortunately, some of those who serve as "loyal" opposition do so in ignorance of the facts. This significantly undermines their effectiveness with those who have looked at things with their eyes open.

>(Lord knows though that it's hard enough to find *any* volunteers
>to take some of these jobs.)

And unfounded accusations of "good ol' boyishness" directed at those who *are* willing will not fix that problem. If anything, it will make it worse.

Gary, as much as I have respected your technical opinions and your willingness to help others, I must point out that you are way off base on this one.

73, Ed

Ed Hare, KA1CV
American Radio Relay League
225 Main St.
Newington, CT 06111
(203) 666-1541 - voice
ARRL Laboratory Supervisor
RFI, xmtr and rcvr testing

ehare@arrl.org

My posts and views do not necessarily
represent the policy of the ARRL,
but I can probably get in trouble
for them anyway!

Date: Sun, 12 Dec 1993 23:44:33 GMT
From: zib-berlin.de!netmbx.de!Germany.EU.net!EU.net!sun4nl!cs.rug.nl!
framenet@uunet.uu.net
Subject: broadcasting with modem over radio
To: info-hams@ucsd.edu

Hi,

I'm looking for a way to transmit data over FM radio with some speed if possible.

I would appreciate some advice on what modems can be used, what protocols and what is affordable but good hardware for FM transmission.

I will do some tests with one of these FM microphones over short distance to check out Forward error control and the modem connection, but the whole idea is that it will be a digital FM broadcast station sending out various data.

Have no radio background, so if you have to use very technical words, please explain them also.

Many thanks in advance for your answers.

Dimitri Georganas
framenet@risc1.rug.nl
I
lik

Date: 14 Dec 93 12:10:45 GMT
From: ogicse!emory!gatech!mailer.acns.fsu.edu!freenet2.scri.fsu.edu!
connie2@network.ucsd.edu
Subject: Comments on logging programs solicited!
To: info-hams@ucsd.edu

I received and tried five different general logging programs this last September. These were mostly demo disks (but still enough to get a good feel for the program's merits and failings.) None were hot contest-style, ala CT. -- To shorten a long story, I found WB20PA's LogMaster Plus/Plus to come out on top. Its main advantage to me was its ability to produce customized reports. An example: to pull and print from the overall data base a report of all contacts confirmed (QSL), by country, by mode, by alphabetized call sign. This gave me a master report for my QSL file. I then repeated the request for 10M, 40M, 80M and 160M as separate, smaller reports. The LogMaster program easily produced these. Now I feel I've some control over 1000's of bits of data and cards for the first time in many years of DXing. -- Overall LogMaster has proven a valuable tool and I continue to appreciate what it can do as I use it. (By the way, for my "average" speed in contest, this program worked fine for me. It might be a tad slow if you're making several thousand Q's over a weekend, but for my several hundred, its "rapid entry" mode and automatic date/time recording proved great. -- I'd suggest trying several demo programs, just as I did. Include LogMaster in your trials. Its worthy of a test.

Michael Christie, K7RLS
Crawfordville, Florida

Date: Mon, 13 Dec 1993 17:31:24 +0000
From: pipex!uknet!demon!hmsd.demon.co.uk!rick@uunet.uu.net
Subject: Help! Any Europe GATEWAYS?
To: info-hams@ucsd.edu

>This is a quick plea, does anybody know of a gateway between packet
>and Internet that I could use, that is in Europe?

Good question - I'd like to know too.

I haven't got a direct email address so answers please via this newsgroup, ta.
--

+-----+
| HMSO IT Division | | The views of the above do |

Norwich	This space has been left	NOT necessarily reflect	
UK.	intentionally blank ...	the views of HMSO.	

+-----+

Date: 14 Dec 93 18:11:38 GMT
From: news-mail-gateway@ucsd.edu
Subject: Logging Software
To: info-hams@ucsd.edu

David:

>> I am looking at buying one of the three above packages for logging my
>> HF station. Does anyone have one or the other, and be interested in
>> supplying feedback on the product?

I use HyperLog myself and am pretty happy with it. You'll also want to get a
contest logger like CT from K1EA if you're into contesting, though.

-- //Steve//
[KB6OJS/2]
Middle Island, NY

Date: Mon, 13 Dec 1993 00:01:04 GMT
From: agate!library.ucla.edu!europa.eng.gtefsd.com!gatech!usenet.ufl.edu!
usenet.cis.ufl.edu!caen!malgudi.oar.net!mercury.wright.edu!buddy!gsmith@ames.arpa
Subject: looking for mods for DJ-580
To: info-hams@ucsd.edu

Hi all:

I am looking for any and all mods for tha wonderfull DJ-580T, I
have done the red wires and blue wire already, and increased the speed of
the autodialer. I have heard of a few mods, but don't know what they are.
No mod too tough, becuae I work with some of the best engineers in the
business, so hit me with anything.
-73- De Greg, N8PPZ

Date: 14 Dec 93 15:40:38 GMT
From: news-mail-gateway@ucsd.edu
Subject: Mac Plus Upgrade + PK-900 ?
To: info-hams@ucsd.edu

I can't find the Mailgroup for Macintosh users but perhaps someone here knows

how I might upgrade my Mac Plus from it's present 1 Mb RAM to 2.5 or 4 Mb.
I think it's more than just swapping SIMMS - if I recall, it involved clipping
some resistor ?
Anyone else out there using MacRatt with the PK-900 ? Any ideas on how to open
an additional receive window and have all traffic of P1 go to one window and P2 go
to
the other ?

73,
Rich
WB2JBS

Date: 14 Dec 93 16:08:20 GMT
From: news-mail-gateway@ucsd.edu
Subject: RACES Bulletin #304
To: info-hams@ucsd.edu

Bid: \$RACESBUL.304

TO: ALL ES, CD, AND PUBLIC SAFETY DIRECTORS VIA AMATEUR RADIO
INFO: ALL RACES OPERATORS IN CALIFORNIA
INFO: ALL AMATEUR RADIO OPERATORS
FROM: CA STATE OFFICE OF EMERGENCY SERVICES (W6SIG@WA6NWE.CA)
2800 MEADOWVIEW RD., SACRAMENTO, CA 95832 916-262-1600
LANDLINE BBS OPEN TO ALL 916-262-1657
RACESBUL.304 DATE: December 13, 1993
SUBJECT: OPS - Fire Departments use the RACES

Contributed by: Fire Captain Willis H. Lamm, N6VZT

QUESTION: How do use Amateur Radio operators in your RACES
unit?

REPLY: Amateur Radio volunteers are actively involved and are
on-call as an emergency response team. They are dispatched by the
fire communications center and have a Multi Agency Command Support
vehicle equipped with fire, police and Amateur radios as well as
several telephone systems, FAX, on-board computer with hazmat
programs, copier and fieldcommand supplies.

Past responses for the Amateurs include:

Greater alarm fires (Command support functions)

Police SWAT responses (Command support functions)

Search and Rescue operations (Multi agency-communications
coordination, command support)

Loma Prieta Earthquake; Oakland (Provided communications for
Red Cross)

Oakland Firestorm (One team operated a staging area in Orinda
where resources from all over Northern California gathered pending

assignment to the firestorm and two other significant area fires. A second team provided command support for the tactical branch operating on the ridge above the firestorm.)

The District operates a packet radio bulletin board and has packet capabilities in all fire stations. 2M and 70CM voice capabilities are provided at the headquarters station and is available at the outlying stations. The Emergency Operations Center (at City Hall) also has HF capability.

Amateurs are used in many roles which permit uniformed fire personnel to remain available for more dangerous duties.

All amateurs are welcome to participate in this forum. For more information contact Willis, N6VZT @ AA6QR.#NOCAL.CA.USA.NA .
EOM

Message sent from W6WWW@KD6XZ.#NOCAL.USA.NA

RACES Bulletins are archived on the Internet at ucsd.edu in hamradio/races and can be retrieved using FTP.

Date: 13 Dec 1993 10:08:27 GMT
From: zib-berlin.de!netmbx.de!Germany.EU.net!EU.net!news.eunet.fi!news.spb.su!
KremlSun!kiaa!relcom!push.stack.serpukhov.su!stack.serpukhov.su!
victor@uunet.uu.net
Subject: Russian Robinson Club
To: info-hams@ucsd.edu

Hello ALL

The radio amateurs-travellers club named "Russian Robinson Club" interested in world island program - IOTA is applied to separate radioamateurs, associations, funds and also clubs, interests of which are equally connected to the above mentioned club.

The club "RRC" (Russian Robinson Club) created at the beginning of 1993 rendered support in organization more than ten island arctic DX' pedition in 1993, two of which are NEW IOTA:

4K2RRC (EU 019), 4K3RRC (EU 082), 4K4RRC (AS 005), 4K5RRC (AS 025), 4K3GW (EU 161), 4K3WQ (EU 162), 4K3/RW3GW (EU 082), 4K3/RA1ZA, 4K3/RA1WQ, UW1ZZ/A (EU 082), UW1ZZ/A (EU 161), 4K4DV (AS 029).

During this year Russian island national diploma program (RRA) has been developed like national island program of Italy (IIA), Spain (IDEA), France (DIFM), Portugal (DIP), Polska (SP IOTA A).

Competitors of this program have receive already more than

120 diplomas. We greatly hope that interest to Russian national island "RRA" will be increased every year. Besides it a list with separate numbering of Russian islands according to "RRA" has been developed already.

Club "RRC" publishes magazin - report every quarter which informers about members of this club; last island, polar and sea expedition (.../mm); IOTA - News; database of Russian island stations, antarctic station (4K1); diplomas and other news.

Every Sunday at 08:00 utc 14.120 +/- QRM this club organizes different discussions.

The club "RRC" includes a great number of polar explorers, islanders, navigators which had a lot of expedition to islands, Antarctica (4K1) and (.../mm). Besides it there is a lot of radioamateurs interested in IOTA and "RRA".

At present this club experiences a great financial problems for arranging expeditions to Russian islands and other places. There are wonderful opportunities to visit many islands among which rare available and desert, which are of great interesting opportunities and suggestions.

This club has many problems with industrial radio apparatus which is sometimes necessary in expeditions. Now many of radioamateurs work with home-made apparatus which often break at unsuitable moment. Sometimes there are rare possibilities to visit islands of Arctic and Antarctic basin. The club has a wonderful developed diploma program but financial means are greatly need for its realization.

Council of "RRC" applies to sponsor, radioamateurs, organizations, associations, funds and clubs to render any financial support in carrying out islands expeditions.

We shall also be thankful to all who give us any used (second-hand) industrial radio apparatus for its further using in different expedition.

In all cases any sponsor will receive a description of events, photos, slides or videofilm from the participants of DX' peditions.

The sponsors indicate in their agreement what they want to have in return for their financial support or apparatus. All those who will render any support in any cases they'll be free of charge subscribers of our magazine-report "Russian Robinson News". "RRC" invites all interested HAMs from different countries of the world to arrange joint expedition to the islands of Russia.

"RRC" can help to arrange any visit to any island of Russia and to settle all organization problems. Wait for your suggestions !

Address of head quarters: P. O. Box 3, 398000, Lipetsk, Russia.

NSI, ltd (RRC), 429 South 321 St.,
Place#10, Federal Way, WA 98003, USA.

I1HYW (RRC), Gianni Varetto, P. O.
Box 1,10060, Pancalieri, (Torino),
Italy.

Internet: victor@ibpm.serpukhov.su

Packet: UV3DIN @ W2XO.#SWPA.PA.USA.NOAM

Our best Robinson wishes ! de: RW3GW - V. Sushkov

downloaded by UV3DIN; 73!

Date: Mon, 13 Dec 1993 17:12:02 GMT

From: library.ucla.edu!agate!msuinfo!uchinews!att-out!walter!
dancer.cc.bellcore.com!not-for-mail@network.ucsd.edu

Subject: TVI weirdness

To: info-hams@ucsd.edu

In article <tjf-131293071948@mamie.lanl.gov>,

Thomas J. Farish <tjf@beta.lanl.gov> wrote:

>The Cable TVI saga continues. I posted a few months ago about my
>neighbor's complaints about interference with his TV (his house is
>wired for cable TV in every room).

RED FLAG...RED FLAG...

Exactly HOW is the house wired for cable in every room? If the house cable wiring uses one or more of the typical 75ohm cable spitters and then has the cable terminated to a wall jack in each room, then each of the wall jacks that do NOT have a TV plugged into it SHOULD then have a dummy 50ohm terminating plug plugged in. If that's not the case, then each of the unterminated wall plug appearances can serve as a point of leakage either into or from the neighbors TV house wiring.

>Any suggestions? I sure would like to use the vertical on 10m for SSB DX!

>Thanks in advance,

>Tom

>KJ5LT

See above.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

Date: 14 Dec 93 18:11:32 GMT
From: news-mail-gateway@ucsd.edu
Subject: WinHams in Anaheim?
To: info-hams@ucsd.edu

>> Why don't you use the Disneyland repeater? Disneyland is in Anaheim.
>> The freq is 146.34 in 146.94 out. PL is either 1Z or 3B. I believe the
>> repeater is in the Matterhorn Roller coaster.

FYI, the repeater these days is actually located on one of the towers of the Disneyland Hotel.

-- //Steve//
[KB6OJS/2]
Middle Island, NY
(formerly member of the Disneyland ARC before moving)

Date: 8 Dec 93 18:20:49 GMT
From: unix.sri.com!headwall.Stanford.EDU!Cslipaulf@hplabs.hp.com
To: info-hams@ucsd.edu

References <gregCHo43F.9o4@netcom.com>,
<1993Dec8.003950.10070@mnemosyne.cs.du.edu>, <gregCHpypr.4sB@netcom.com>
Subject : Re: Scratchi, January, 1960

greg@netcom.com (Greg Bullough) whines:

>If you have an intellectual argument, let's see it. On the other hand,
>the 'Political correctness' label is nothing but a label behind which
>those who are uncomfortable confronting the issues hide. It's the pat
>on the head to the assertive woman, and the 'be a good boy' to the
>uppity nigger.

Egads, another "Sensitive New Age Ham".

We'll happily argue with you on an intellectual basis, as soon as you post something besides the ad hom mush that you appear to be parroting. No, stereotypes do not equate to bigotry, as much you obviously feel they do. Your attempt to be the lapdog of PCness also belies an ignorance not only of asians but asian culture.

Followups to rec.radio.amateur.policy, where we actually relish this sort of thing.

--

--Paul Flaherty, N9FZX | "Fighter pilots make movies. Bomber pilots make
->paulf@Stanford.EDU | history." -- Jake Grafton

Date: 14 Dec 93 14:55:18 GMT
From: walter!dancer.cc.bellcore.com!not-for-mail@uunet.uu.net
To: info-hams@ucsd.edu

References <tjf-131293071948@mamie.lanl.gov>, <2ei7p2\$ph0@dancer.cc.bellcore.com>,
<CHzw1v.Mpu@cup.hp.com>o
Subject : Re: TVI weirdness

In article <CHzw1v.Mpu@cup.hp.com>, Jim Hollenback <jholly@cup.hp.com> wrote:

>sohl,william h (whs70@dancer.cc.bellcore.com) wrote:

>: In article <tjf-131293071948@mamie.lanl.gov>,

>: Thomas J. Farish <tjf@beta.lanl.gov> wrote:

>: >The Cable TVI saga continues. I posted a few months ago about my
>: >neighbor's complaints about interference with his TV (his house is
>: >wired for cable TV in every room).

>: plugged into it SHOULD then have a dummy 50ohm terminating plug

>Surely you don't recommend terminating a 75 ohm system with 50 ohms?

>Sure-fire 1.5:1 vswr! I would recommend 75 ohms.

>Jim,WA6SDM

OOPS, should have said a 75ohm terminating plug (those plugs are
available at most any Radio Shack, etc.)

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

Date: Tue, 7 Dec 1993 05:49:33 GMT
From: swrinde!cs.utexas.edu!howland.reston.ans.net!newsserver.jvnc.net!yale.edu!
cs.yale.edu!theodolite!ksmith@network.ucsd.edu
To: info-hams@ucsd.edu

References <1993Dec6.204526.16933@ttinews.tti.com>, <2e0d6q\$aju@crchh941.bnr.ca>,
<1993Dec7.025241.3434@ultb.isc.rit.edu>
Subject : Re: Reporting Constant QRM: who?

This is something that the ARRL should help out with. How about coming up with some suggestions for jammers/unlicensed operators? There are some that seem to never go away. We as hams have the technology to track them down pretty easily. At that point, you try to talk them into getting licensed, show them how cool ham radio is, etc. If they don't budge, then what?

You log all of the information. Tapes, logs of transmission times, etc. Then what? Realistically, there isn't a damned thing you can do about a jammer, and most jammers probably know that. The old "ignore them and hope they go away" doesn't always work.

I'm not advocating vigilante tactics (in fact, I've personally heard cases where the vigilante went to jail for slashing tires), I'm just wondering what others do. Civil suits are out for most of us.

KD6RCT

End of Info-Hams Digest V93 #1462

